**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number	10/828,713
Filing Date	April 21, 2003
First Named Inventor	Tetsuo TERASHIMA et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	MTS-3517US

**ENCLOSURES (Check all that apply)**

- ☐ Fee Transmittal Form  
☐ Fee Attached
- ☐ Amendment/Reply  
☐ After Final  
☐ Affidavits/Declaration(s)

- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/  
Incomplete Application
- ☐ Response to Missing Parts under  
37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a  
Provisional Application
- ☐ Power of Attorney, Revocation,  
Change of Correspondence  
Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance Communication  
to Group
- ☐ Appeal Communication to Board  
of Appeals and Interferences
- ☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply  
Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please  
identify below):
- return postcard  
PTO Form 1449  
3 partial English translations**

**Remarks:****SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

Firm or Individual	Allan Ratner	Registration No. (Attorney/Agent)	19,717
Signature			
Date	May 18, 2004		

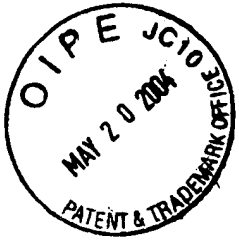
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Name (Print/Type)	Fran Petrillo		
Signature		Date	May 18, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: COMMISSIONER FOR PATENTS, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/828,713  
Applicant: Tetsuo TERASHIMA et al.  
Filed: April 21, 2004  
Title: THERMAL STORAGE APPARATUS AND THERMAL STORAGE METHOD  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Docket: MTS-3517US

**FURTHER TO**  
**INFORMATION DISCLOSURE STATEMENT**  
**FILED APRIL 21, 2004**

***Mail Stop Amendment***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is further disclosure with respect to the Information Disclosure Statement filed April 21, 2004.

In the Information Disclosure Statement filed April 21, 2004, Applicants' attorney enclosed References JP 61-128071 and Chemical Industrial Council "Thermal Storage Technology - Theory and Application thereof I," Sinzansha Sci-tech, October 10, 1996, and Chemical Industry Council "Thermal Storage Technology - Theory and Application thereof II," Sinzansha Sci-tech,

August 30, 2001. Enclosed is a partial English language translation for each of these references.

This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application or before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

  
\_\_\_\_\_  
Allan Ratner, Reg. No. 19,717  
Attorney for Applicants

AR/fp

Enclosures: PTO Form 1449  
Partial English Translations (3)  
Transmittal form

Dated: May 18, 2004

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

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Substitute for Form 1449A/PTO

**MAY 20 2004**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

**SHEET 1 of 2**

**Complete if Known**

Application Number	<b>10/828,713</b>
Filing Date	<b>April 21, 2004</b>
First Named Inventor	<b>Tetsuo TERASHIMA, et al.</b>
Art Unit	<b>To Be Assigned</b>
Examiner Name	<b>To Be Assigned</b>
Attorney Docket No.	<b>MTS-3517US</b>

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)**Complete if Known*

Application Number	<b>10/828,713</b>
Filing Date	<b>April 21, 2004</b>
First Named Inventor	<b>Tetsuo TERASHIMA, et al.</b>
Art Unit	<b>To Be Assigned</b>
Examiner Name	<b>To Be Assigned</b>
Attorney Docket No.	<b>MTS-3517US</b>

**SHEET 2 of 2****NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Chemical Industry Council, THERMAL STORAGE TECHNOLOGY - THEORY AND APPLICATION THEREOF I, Sinzansha Sci-tech, October 10, 1996 (partial English translation).	<input type="checkbox"/>
		Chemical Industry Council, THERMAL STORAGE TECHNOLOGY - THEORY AND APPLICATION THEREOF II, Sinzansha Sci-tech, August 30, 2001 (partial English translation).	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

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